

University of Pretoria Yearbook 2018

Chemistry 154 (CMY 154)

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| Qualification | Undergraduate |
| Faculty | Faculty of Natural and Agricultural Sciences |
| Module credits | 8.00 |
| Programmes | BSc Extended programme - Biological and Agricultural Sciences BSc Extended programme - Mathematical Sciences BSc Extended programme - Physical Sciences |
| Service modules | Faculty of Engineering, Built Environment and Information Technology Faculty of Education |
| Prerequisites | CMY 133 and CMY 143 |
| Contact time | 2 tutorials per week, 3 lectures per week, Foundation Course, fortnightly practicals |
| Language of tuition | Module is presented in English |
| Department | Chemistry |
| Period of presentation | Semester 1 |

Module content

Principles of reactivity: energy and chemical reactions. Physical behaviour of gasses, liquids, solids and solutions and the role of intermolecular forces. Rate of reactions: Introduction to Chemical kinetics. Introduction to chemical equilibrium. Introduction to organic chemistry: hybridisation, isomers (structural, geometrical and conformational), additions reactions and reaction mechanisms.

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